

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF

THE DEPENDENT RESURVEY OF  
A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 10

IN

TOWNSHIP 31 SOUTH, RANGE 2 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Larry V. Judd*  
*Cadastral Surveyor*

Under special instructions dated *April 15, 1996*, approved April 15, 1996, which provided for the surveys included under Group Number 820, and assignment instructions dated April 15, 1996

Survey commenced *May 7, 1996*  
Survey completed May 16, 1996

## INDEX DIAGRAM

Township 31 South , Range 2 West

6	5	4	3	2	1
7	8	9	6 6 4 10 3 5 4 2	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

## TOWNSHIP 31 SOUTH, RANGE 2 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 10, in Township 31 South, Range 2 West, Salt Lake Meridian, Utah.

**History of Surveys**

Surveyed by		Retr. or Resurveyed by		
NORTH BOUNDARY (Sixth Standard Parallel South)				
Portion	Bailey & Burrill	1874		
Portion	Breckon & McCarty	1897	Breckon & McCarty	1897
Portion			Thoma & Bunbury	1913
SOUTH BOUNDARY				
Portion	T.C. Bailey	1876		
All	Thoma & Bunbury	1913-1915	Thoma & Bunbury	1913-15
EAST BOUNDARY				
Portion	Bailey & Burrill	1874		
All	Thoma & Bunbury	1913-1915	Thoma & Bunbury	1913-15
WEST BOUNDARY				
All	Thoma & Bunbury	1913-1915		
SUBDIVISION				
Portion	Bailey & Burrill	1874		
Portion	T.C. Bailey	1876		
Portion	Thoma & Bunbury	1913-1915		
Portion			R.C. Yundt	1949

The corner of sections 10, 11, 14 and 15 was remonumented by F.D. Reynolds in 1972.

Section 10 was resurveyed and subdivided by L. Barker P.L.S. No 161040.

There have been several private surveys executed in and around section 10. Plats of survey were found at the Garfield County Recorders office. The only monumentation found during the course of this survey with identifying caps were of the Barker Survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No.820, Utah, dated April 15, 1996.

## TOWNSHIP 31 SOUTH, RANGE 2 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The directions of lines were determined by references to true meridians established on line by hour angle observations of the sun and Polaris. The lines were carried forward by sustained angulations, being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the 1/4 section corner of sections 10 and 11 as determined by a tie made to the U.S. Geological Survey triangulation station "ANTIMONY" is as follows:

Latitude 38° 07' 26.76" N. Longitude 111° 59' 09.64" W.  
N.A.D. 1927

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990 is: 13 1/2° East.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 31 S., R. 2 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
T.C. Bailey and J.G. Burrill, in 1874,  
and the Retracement by J.C. Thoma and E.R. Bunbury in 1913-15.

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Beginning at the corner of sections 10, 11, 14, and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 3 1/2 base, projecting 12 ins. above the ground, with the brass cap marked as described in the official record of the remonumentation survey by F.D. Reynolds in 1972.

N. 0°00.6' E. between sections 10 and 11.

**10.022** Point for the S-S 1/64 section corner of sections 10 and 11; not monumented.

**20.044** Point for the S 1/16 section corner of sections 10 and 11.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
S 1/16  
S10 | S11  
1996

Raise a mound of stone, 3 ft. base by 2 ft. high, W of the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

The corner falls on flat ground, 9 ft. W of a net wire fence, bears N and S.

40.088

The 1/4 section corner of sections 10 and 11, monumented with a lava stone, 15x10x4 ins., firmly set, plainly marked 1/4 on the W face.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
1/4  
S10 | S11  
1996

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone, 4 ft. base by 2 ft. high, W of the aluminum post.

The corner falls 1.3 ft. W of a net wire fence, bears N and S.

From this corner:

U.S. Geological Survey triangulation station "Antimony", monumented with a standard disk, 3 1/2 ins. diam., firmly cemented into a drill hole in lava stone, set flush on the edge of a rim, with the disk marked ANTIMONY 1969 and a triangle, bears S. 38°28.7' E., (forward bearing), and N. 38°28.5' W., (back bearing), 47.043 chains distance.

N. 0°00.6' E., beginning new measurement.

20.119

Point for the N 1/16 section corner of sections 10 and 11.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in a collar of stone, with the aluminum cap marked:

T31S R2W  
N 1/16  
S10 | S11  
1996

The corner falls on flat, open ground.

From this corner, the corner of fences, projecting E, W, and S, bears S. 4°05.2' E., 46 ft. distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

40.238

The corner of sections 2, 3, 10 and 11, monumented with a granite stone, 12x8x6 ins., laying loose in a mound of stone, plainly marked with 5 notches on the S, and 2 notches on the E edges, with a rebar, 5/8 inch in diam., with no cap, set alongside.

At the corner point (rebar)

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S	R2W
S 3	S 2
S10	S11
1996	

Deposit the marked stone and the rebar alongside the aluminum post.

Raise a mound of stone, 4 ft. base by 2 ft. high, W of the aluminum post.

The corner falls on a open, gradual, NW slope.

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Reestablishment of the Survey Executed by  
T.C. Bailey and J.G. Burrill, Deputy Surveyors in 1874.

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From the corner of sections 10, 11, 14 and 15.

S. 88°46.0' W., between sections 10 and 15.

**9.934** Point for the E-E 1/64 section corner of sections 10 and 15; not monumented.

**19.868** Point for the E 1/16 section corner of sections 10 and 15.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 4 ins. below the surface of a dirt road, 16 ft. wide, with the aluminum cap marked:

	T31S	R2W
	S10	
E 1/16	<hr/>	
	S15	
	1996	

The corner falls 2 ft. E of the concrete base of a cattle guard.

**39.736** Point for the 1/4 section corner of sections 10 and 15, at proportionate distance. No remaining evidence of the original corner was found.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 4 ins. below the surface of a gravel road, with the aluminum cap marked:

	T31S R2W
	S10
1/4	<hr/> S15
	1996

The corner falls at the NE corner of the intersection of roads bearing N, S, E and W.

from which

A bolt with washer, set in a power pole, 1.5 ft. above ground level,  
facing the corner, bears, N. 84°19.8' E., 42.05 ft. distance.

A bolt with washer, set in a power pole, 1.5 ft. above ground level,  
facing the corner, bears, N. 86°22.1' W., 38.24 ft. distance.

**79.472** The corner of sections 9, 10, 15 and 16, determined by holding the center of a lane, 24 ft. wide, and the projection of fences to the N and S of this point. No remaining evidence of the original corner was found.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. below ground, with the aluminum cap marked:

	T31S R2W
S9	S10
S16	S15
	1996

The corner falls in the center of the dirt road, 13 ft. wide, within the lane, and 6 ft. E of the center of a culvert, 16 ins. diam., projecting N and S, under the road.

N. 0°34.9' W., between sections 9 and 10.

**36.430** Point selected for the witness corner to the 1/4 section corner of sections 9 and 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

	T31S R2W
	WC
	1/4
S9	↑S10
	1996

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

The corner falls in an old fence line, bears E and W.

**40.434** Point for the 1/4 section corner of sections 9 and 10, at proportionate distance. No remaining evidence of the original corner was found; not monumented.

The corner point falls in cultivated fields.

**60.651** Point for the N 1/16 section corner of sections 9 and 10; not monumented.

**80.868** The corner of sections 3, 4, 9 and 10, at the corner of old fences projecting E and W, and the partial remains of an old fence projecting N. No remaining evidence of the original corner was found. This point has been used for the section corner position by private land surveyors, and is accepted as the best available evidence of the original section corner position.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W	
S4	S3
S9	S10
1996	

Raise a mound of stone, 3 ft. base by 2 ft. high, W of the aluminum post.

The corner falls on the S side of an old gate post.

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From the corner of sections 2, 3, 10 and 11.

S. 88°59.6' W., between sections 3 and 10.

**40.160** The 1/4 section corner of sections 3 and 10, monumented with a granite stone, 12x8x5 ins., laying loose in a mound of stone, and dimly marked 1/4 on the N face.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, set in a mound of stone, 4 ft. base to top of the aluminum cap marked:

	T31S R2W
	S3
1/4	S10
	1996

The corner falls 6 ft. S of a four strand, barbed-wire fence, bears E and W, and 33 ft. E of the bottom of a draw, 6 ft. wide, drains NW.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

S. 89°20.1' W., beginning new measurement.

**19.059** Point selected for the witness corner to the W 1/16 section corner of sections 3 and 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 4 ins. below the surface of a dirt road, with the aluminum cap marked:

T31S R2W  
WC  
S3  
← S10 W 1/16  
1996

The corner falls in a dirt lane.

**20.059** True point for the W 1/16 section corner of sections 3 and 10, falls in a irrigation canal; not monumented.

**40.118** The corner of sections 3, 4, 9 and 10.

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The Subdivision of Section 10,  
T. 31 S., R. 2 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 10 and 15.

N. 0°18.0' W., on the N - S center line of section 10.

**20.131** Point for the center S 1/16 section corner of section 10; not monumented.

**40.262** Point for the center 1/4 section corner at intersection with the E - W center line of section 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
C 1/4  
S10  
1996

Raise a mound of stone, 2 ft. base, by 1 ft. high, W of the aluminum post.

THE SUBDIVISION OF SECTION 10,  
T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

The corner falls on flat open ground.

**60.16** Net wire fence line, bears E and W.

**60.369** Point for the center N 1/16 section corner of section 10.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
C  
N 1/16 | S10  
C  
1996

Set a steel fence post alongside the aluminum post.

**80.476** The 1/4 section corner of sections 3 and 10.

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From the 1/4 section corner of sections 10 and 11.

S. 89°01.2' W., on the E - W center line of section 10.

**19.973** Point for the center E 1/16 section corner of section 10; not monumented.

**39.946** The center 1/4 section corner of section 10.

**59.909** Point for the center W 1/16 section corner of section 10; not monumented.

**79.872** True point for the 1/4 section corner of sections 9 and 10.

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From the N 1/16 section corner of sections 10 and 11.

S. 89°00.4' W., on the E - W center line of the NE 1/4 of section 10.

**40.053** The center N 1/16 section corner of section 10.

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From the E 1/16 section corner of sections 10 and 15.

N. 0°08.7' W., on the N - S center line of the SE 1/4 of section 10.

**10.044** The center S-SE 1/64 section corner of section 10, monumented with a rebar, 5/8 inch in diam., with a yellow plastic cap stamped "BARKER R.L.S. 161040". This corner is accepted as a careful and faithful determination of the corner position.

THE SUBDIVISION OF SECTION 10,  
T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
C-S-SE  
1/64  
S10  
1996

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

The corner falls on flat, open ground.

**20.088**

The SE 1/16 section corner at intersection with the E - W center line of the SE 1/4 of section 10, monumented with a rebar, 5/8 inch in diam., with yellow plastic cap stamped "BARKER R.L.S. 161040". This corner is accepted as a careful and faithful determination of the corner position.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
SE 1/16  
S10  
1996

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

The corner falls on flat, open ground.

**40.176**

Point for the center E 1/16 section corner of section 10.

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From the S 1/16 section corner of sections 10 and 11.

S. 88°53.6' W., on the E - W center line of the SE 1/4 of section 10.

**9.960**

The center E-SE 1/64 section corner, monumented with a rebar, 5/8 inch diam., with a yellow plastic cap stamped "BARKER R.L.S. 161040". This corner is accepted as a careful and faithful determination of the corner position.

THE SUBDIVISION OF SECTION 10,  
T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
C-E-SE  
1/64  
S10  
1996

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

The corner falls on flat, open ground.

**19.920** The SE 1/16 section corner of section 10.

**39.840** Point for the center S 1/16 section corner of section 10.

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From the point for E-E 1/64 section corner of sections 10 and 15.

N. 0°04.1' W., on the N - S center line of the SE 1/4 of the SE 1/4 of section 10.

**10.033** The SE-SE 1/64 section corner, monumented with a rebar, 5/8 inch in diam., with yellow plastic cap stamped "BARKER R.L.S. 161040". This corner is accepted as a careful and faithful determination of the corner position.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with the aluminum cap marked:

T31S R2W  
SE-SE  
1/64  
S10  
1996

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

The corner falls on an open, gradual, NW slope.

**20.066** The center E-SE 1/64 section corner of section 10.

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THE SUBDIVISION OF SECTION 10,  
T. 31 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

- From the point for the S-S 1/64 section corner of sections 10 and 11.  
S. 88°49.8' W., on the E - W center line of the SE 1/4 of the SE 1/4 of section 10.
- 9.947** The SE-SE 1/64 section corner of section 10.
- 19.894** The center S-SE 1/64 section corner of section 10.
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- From the point for the center W 1/16 section corner of section 10.  
N. 0°26.5' W., on the N - S center line of the NW 1/4 of section 10.
- 20.162** Point for the NW 1/16 section corner at intersection with the E - W center line of the NW 1/4 of section 10, falls within a irrigation canal; not monumented.
- 40.324** True point for the W 1/16 section corner of sections 3 and 10.
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- From the center N 1/16 section corner of section 10.  
S. 89°10.7' W., on the E - W center line of the NW 1/4 of section 10.
- 19.511** Point selected for the witness corner to the NW 1/16 section corner of section 10.  
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with the aluminum cap marked:
- T31S R2W  
WC  
← NW 1/16 S10  
1996
- Set a steel fence post alongside the aluminum post.
- The corner falls 3 ft. E of a fence, bears N and S, and 23.5 ft. W of the center line of State Highway No. 22, 23 ft. wide, bears N and S.
- 20.011** True point for the NW 1/16 section corner.
- 40.022** Point for the N 1/16 section corner of section 9 and 10.
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Ronald K. Baugh	Cadastral Surveyor
Ferrel D. Reynolds	Cadastral Surveyor
Philip Tobler	Survey Technician

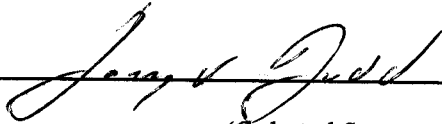
## CERTIFICATE OF SURVEY

I, *Larry V. Judd, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *15th day of April, 1996*, I have *dependently resurveyed a portion of the subdivisional lines, and the subdivision of section 10, in Township 31 South, Range 2 West*,

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

February 1, 1999

Date

  
(Cadastral Surveyor)

Date

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

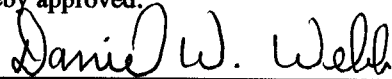
The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 10, in Township 31 South, Range 2 West, Salt Lake Meridian, Utah*,

executed by *Larry V. Judd, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

February 1, 1999

Date



(Chief Cadastral Surveyor for Utah)